

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Improvements to Roads, Drains and Covering Slab at Chamundeshwari Layout 6th Main Gaurage Road Right Side in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

		Estimate Cost:						2000000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 Page No. 138 / Item No. 19.2 / PWD SR 2014-15	Cum							
	For New Drain Gaurage Road		1	64.00	1.00	0.90	57.60		
	For New Drain 6th Main Road		1	240.00	1.00	0.90	216.00		
							273.60	105.84	28958.00
	Basic Rate	98.00							
	Area Weightage @8%	7.84							
	Total	105.84							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum							
	For New Drain Gaurage Road		1	64.00	1.00	0.15	9.60		
	For New Drain 6th Main Road		1	240.00	1.00	0.15	36.00		
							45.60	4847.04	221025.00
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	4847.04							
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.31/ PWD SR 2014-15	Sqm							
	For New Drain Gaurage Road		4	64.00		0.60	153.60		
	For New Drain 6th Main Road		4	240.00		0.60	576.00		
							729.60	292.68	213539.00
	Basic Rate	271.00							
	Area Weightage @ 8%	21.68							
	Total	292.68							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal , coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum							
	Bottom		1	64.00	0.90	0.15	8.64		
			1	240.00	0.90	0.15	32.40		
	Side Walls		2	64.00	0.15	0.60	11.52		
			2	240.00	0.15	0.60	43.20		
							95.76	6065.28	580811.00
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	6065.28							
5	KSRB 4.9.1: Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 17 / Item No. 4.45 / PWD SR 2014-15	Qtl							
	Consider 60 Kg/Cum		0.60	95.76			57.46	7975.80	458258.00
	Basic Rate	7385.00							
	Area Weightage 8%	590.80							
	Total	7975.80							
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 7.5 cms thick Page No. 25 / Item No. 5.31.1 / PWD SR 2014-15	Sqm							
	For New Drain Gaurage Road		1	64.00		0.90	57.60		
	For New Drain 6th Main Road		1	240.00		0.90	216.00		
							273.60	642.60	175815.00
	Basic Rate	595.00							
	Area Weightage @ 8%	47.60							
	Total	642.60							
7	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 Page No. 24 / Item No. 5.22 / PWD SR 2014-15	m							
			507	3.00			1521.00	32.40	49280.00
	Basic Rate	30.00							
	Area Weightage @ 8%	2.40							
	Total	32.40							

CERTIFICATE:

- EE (BTP Div.)

Ruppes

Under

Registered as EE () No. _____/9.....9.....
Subject to conditions contained in
enclosed memo EE () No. _____/9.....
Dt. _____ Estimate A/Sanctioned
_____ No. 1089
dated 11-12-2014 Rs 20.00 Lakhs

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Assistant Executive Engineer
Bhat Bangalore Mahanagara Palike
Vidyaranya Sub Division

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Technical Sanction for Rs. 20.00 Lakhs

Twenty lakhs only

P-1771

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of 3

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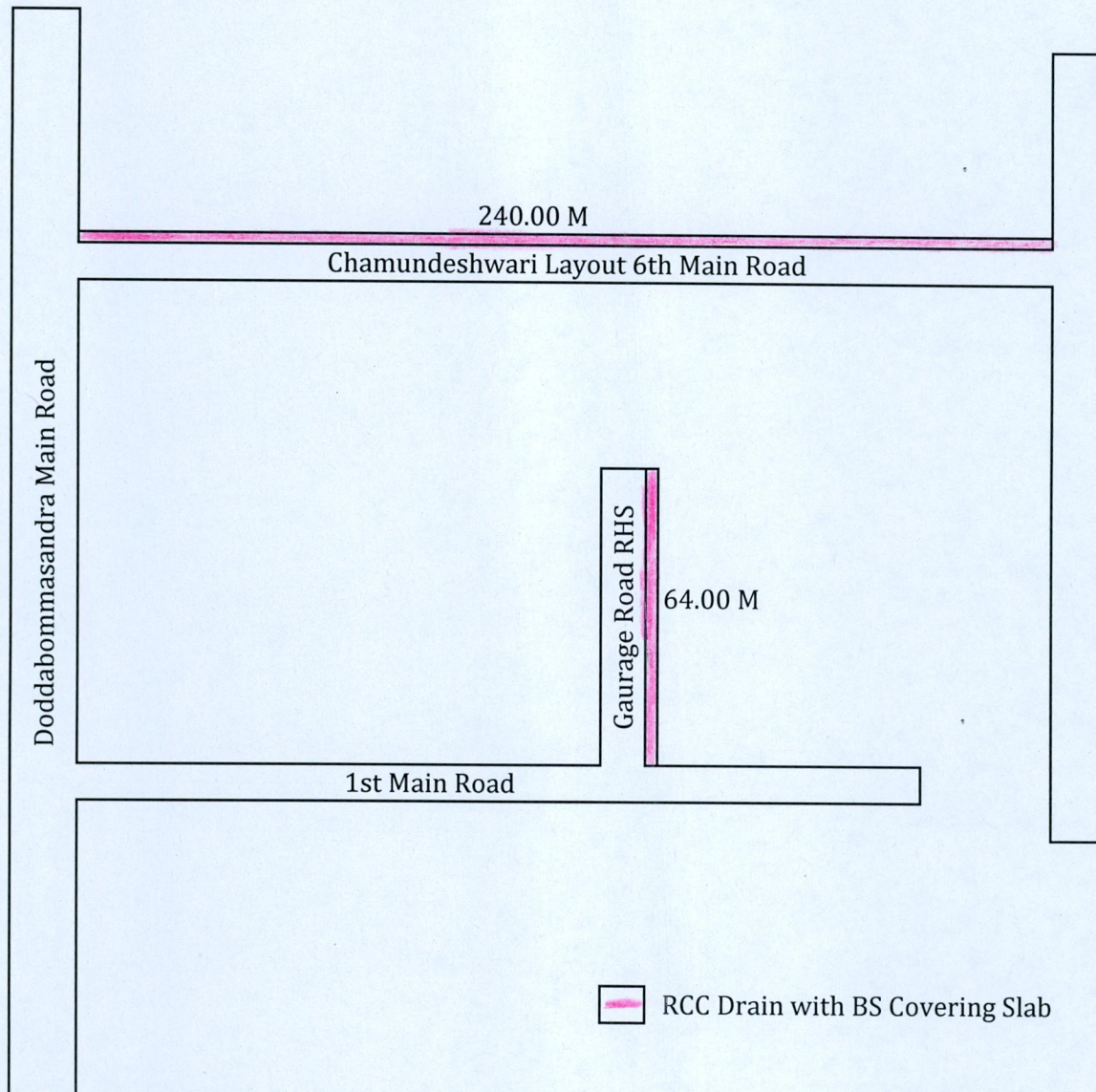
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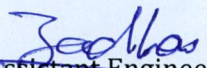
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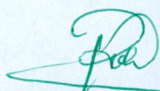
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D. B. Priest

Name of Work: Improvements to Roads, Drains and Covering Slab at Chamundeshwari Layout 6th Main Gaurage Road Right Side in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.




Assistant Engineer
Ward No. 10


Assistant Executive Engineer
Vidyaranyapura Sub Division